RESOURCES AGENCY OF CALIFORNIA

DEPARTMENT OF CONSERVATION

DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES

REPORT OF PROPERTY AND WELL TRANSFER

Field or county Wilmington		District - Cypress (D1)
Former owner Four Teams Oil Production & Exploration Company, Inc.	Opcode: F1535	Date August 12, 2010

Name and location of well(s)

SEE ATTACHMENT

Description of the land upon which the well(s) is (are) located

See Attachment

Date of transfer, sale, assignment, conveyance, or exchange	New Owner	Operator code	Type of Organization
8/1/2010	E & B Natural Resources Management Corp.	E0100	Corporation
	Address 1600 Norris Road Bakersfield, CA 93308		Telephone No. (661) 679-1700

Reported by OG30A received 8/11/2010 signed by both parties

Confirmed by. Same as above

New operator new status (status abbreviation) PA	Request Designation of Agent Jeffrey Blesener
Old operator new status (status abbreviation) PA	Remarks See Operator File

Deputy Supervisor	Signature
Kenneth Carlson	For Chris McCullough, Associate Engineer

OPERATOR STATUS ABBREVIATIONS

PA - Producing Active	**FORM AND RECORD CHECK LIST**						
NPA - No Potential Active	**Form or record**	**Initials**	**Date**	**Form or record**	**Initials**	**Date**
PI - Potential Inactive	Form OGD121			Map and Book		
NPI - No Potential Inactive	Well records			Lease Files		
Ab - Abandoned or No More Wells	New well cards			Well Stat		

OGD156 (Modified 1/00)

E & B Natural Resources Mgmt. Corp.

WELL TRANSFER NOTICE

On 12-21-98
XL OPERATING COMPANY
transferred
all wells in the Wilmington field
(See OGD156 dated December 21, 1998 for complete list)
to

FOUR TEAMS OIL PROD. & EXPL., INC.

WELL TRANSFER NOTICE

Effec February 7, 1997

XTRA ENERGY CORPORATION

TRANSFERRED

all wells Wilmington

(See Operator File for Complete List)

TO

XL OPERATING COMPANY

SEE OGD156 DATED 02-7-97

DIVISION OF OIL AND GAS
CHECK LIST - RECORDS RECEIVED AND WELL STATUS

Company XTRA ENERGY CORP. Well No. "WNF-I" 39
API No. 037-22754-01 Sec. 19, T. 4S, R. 13W, S.B. B.&M.
County LOS ANGELES Field WILMINGTON

RECORDS RECEIVED	DATE
Well Summary (Form OG100)	
History (Form OG103)	4-2-87, 9-18-89 2
Core Record (Form OG101)	
Directional Survey	9-18-89 (2)
Sidewall Samples	
Other	
Date final records received	
Electric logs: Caliper Log	9-18-89 (2)

STATUS		STATUS	
Producing - Oil	✓	Water Disposal	
Idle - Oil		Waterflood	
Abandoned - Oil		Steamflood	
Drilling - Idle		Fire Flood	
Abandoned - Dry Hole		Air Injection	
Producing - Gas		Gas Injection	
Idle - Gas		CO_2 Injection	
Abandoned - Gas		LPG Injection	
Gas-Open to Oil Zone		Observation	
Waterflood Source			

DATE 3/86 "E" well Yes ☐ No ☐
RECOMPLETED
REMARKS

ENGINEER'S CHECK LIST

1. ~~Summary,~~ History, & Core record (dupl.) ✓
2. Electric Log
3. Operator's Name ✓
4. Signature ✓
5. Well Designation ✓
6. Location
7. Elevation
8. Notices ✓
9. "T" Reports ✓ [illegible]
10. Casing Record
11. Plugs ✓
12. Surface Inspection
13. Production ✓
14. E Well on Prod. Dir. Sur.

CLERICAL CHECK LIST

1. Location change ____ (F-OGD165)
2. Elevation change ____ (F-OGD165)
3. Form OGD121
4. Form OG159 (Final Letter)
5. Form OGD150b (Release of Bond)
6. Duplicate logs to archives
7. Notice of Records due (F-OGD170)
8. EDP (F-OGD42A-1, 2) OK

~~Follow up 6-87~~

UPDATE CENTER 11-28-89

RECORDS NOT APPROVED
Reason: ~~[illegible]~~

RECORDS APPROVED DS 11-10-89
RELEASE BOND
Date Eligible
(Use date last needed records were received.)
MAP AND MAP BOOK 0 N/C

LONG BEACH OFFICE - USE REVERSE SIDE

OGD2 (12/82/DWRR/5M)

CHECK L[illegible] - RECORDS RECEIVED AND WELL S[illegible]US

Well No._____

API No._____ Sec._____, T._____, R._____, _____B.&M.

WORK PERFORMED	STATUS	DATE
Drill_____ Redrill_____ Deepen_____	Producing_____"E" well Yes☐ No☐	
Plug_____ Alter Casing_____	Recompleted Producing_____	
Waterflood _____ Water Disposal_____	Waterflood _____	
Abandon_____	Water Disposal_____	
Other_____	Abandoned_____	
	Other_____	
	MAP AND BOOK_____ Engineer_____	

RECORDS FILED AND DATE Clerk_____

Summary_____

Log and Core_____

History_____

E-log_____

_____

Directional Survey_____

Other_____

(Check records for signature and correct name of operator or well, section, township, range, and field.)

Location_____ Notice states_____

_____

_____

_____

_____

Elevation_____ Notice states_____

_____

_____

_____

Production Reports_____

_____

(If production reports not received, make notation and inform Senior Stenographer when received.)

RECORDS & REQUIREMENTS CHECKED Engineer_____

_____

_____

_____

_____

_____

_____

_____

Surface Inspection_____

Data Needed_____

Request Records_____ OGD170_____

Correct records_____ OGD165_____
(Specify)

EDP_____(OGD42A-1, 2) ___

CARDS_____

BOND_____

Hold_____ Reason_____

Release____ Date Eligible_____ OGD150____

End premium year _____

Release requested _____ (Check One)

Bond superseded _____

Well abandoned _____

Environmental Inspection_____ Engineer____

FINAL LETTER_____ OG159_____
and
File cleared _____ OGD121____

OGD2 (LONG BEACH)

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

History of Oil or Gas Well

Operator XTRA ENERGY CORPORATION Field WILMINGTON County LOS ANGELES
Well "WNF-I" 39, Sec. 19, T 45, R 13 W, SB B. & M.
A.P.I. No. 037-22754-01 Name JAMES A. McBEE (Person submitting report) Title SR. OPERATIONS ENGINEER (President, Secretary or Agent)
Date 9/14/, 1989

Signature

PO BOX 40262, HOUSTON, TEXAS (TX) 77240-0262 (Address)

(713) 896-2576 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

DATE

2/21/86 M.I.R.U. Slow well down. Change well over to claybase mud. Circulate & build wt to 10.4#/gal. Install BOPE. P.O.O.H. w/67 stds 2-7/8" tbg. Pick up 2-3/8" tbg stringer. Pick up 3-1/2" D.P.

2/22/86 Measure & p.u. 3-1/2" drl pipe. RIH to 4479'. C.O. fill to 4483'. Tagged BP. Circulate & condition mud. Chain out of hole. C.D. tbg tail. P.U. csg cutter & 2-3-1/8" D.C.'s. RIH to 4261'. Attempted to circ. Tool plugged. POH. Clean csg cutter and change cutters. RIH to 1800'. Slip & cut drlg line. RIH to 4376'. Cut 5" lnr at 4376'. Pull out of hole. Chain out. Rerun csg cutter to 4376'.

2/23/86 Cut 5" lnr @ 4376'. POH (chain out) change out cutter. RIH. Make cut @ 4376'. POH. Lay down 3-1/8" DC & cutter. RIH with mill & 4-3/4 DC & mill 4321' to 4327'. POH. RIH w/fishing tools for 5" lnr. POH. Slow chain out. Break down & lay down fish. Break down fishing tools & load out. Recovered 49.27' of 5" lnr. RIH w/mill.

2/24/86 RIH w/mill to 4376' & mill to 4408'. Circulate & make conn. Attempt to get back on lnr. Sidetrack to 4414'. Pump hi vis sweep. Circulate & condition hole. Check for flow. POH. RIH w/H.O. to 4379'. Cut shoulder @ 4379'. Open hole to 12" to 4409'. Circulate & cond hole for cmt plug. POH.

2/24/86 RIH w/mill to 4376' & mill to 4408'. Circulate & make conn. Attempt to get back on lnr. Sidetrack to 4414'. Pump hi vis sweep. Circulate & cond hole. Check for flow. POH. RIH w/H.O. to 4379'. Cut shoulder @ 4379'. Open hole to 12" to 4409'. Circulate & cond hole for cmt plug. POH.

2/25/86 POH w/underreamer. RIH to 4409' w/tbg tail. Brk cir. Rig up BJ & cont'd w/100 cf class "G" containing 20% sd preceded w/100 cf wtr & followed by 10 cf wtr & 171 cf mud. CIP @ 9:25 a.m. Est top @ 4031'. Pulled up 10 stds to 3791'. Pump wiper plug. POH, ck BOPE & held drill. Make up BHA. RIH w/bit & scraper to 4184'. T.O. cmt c/o cmt to 4271'. Circulate & cond mud. Attempt to test for DOG. (No test), wait for cmt to harden for 2 hrs. Test for DOG. Good test @ 1000 psi. Drlg cmt to 4379'. Circulate & cond hole for Magna drlg. POH. RIH w/mud motor to 4379'. Back circ. Survey & orient tool @ 4379' and start Magna drlg. Survey @ 4436'. Magna drill depth @ 4457' at 6:00 a.m.

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

History of Oil or Gas Well

Operator XTRA ENERGY CORPORATION Field WILMINGTON County LOS ANGELES
Well "WNF-I" 39, Sec. 19, T 45, R 13 W, SB B. & M.
A.P.I. No. Name JAMES A. McBEE (Person submitting report) Title SR. OPERATIONS ENGINEER (President, Secretary or Agent)
Date 9/14/, 19 89

Signature James A. McBee

PO BOX 40262, HOUSTON, TEXAS (TX) 77240-0262 (Address)

(713) 896-2576 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as bole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

DATE

2/26/86 Magna drill 4457-4505' = 52' = 2 hrs. Circulate cln. POH. RIH w/6-1/4" bit to 4370'. Clean mud pit. RIH stopped @ 4390'. Change over to Bromide polymer. Ream 4390' - 4485'. Drill rough. Lost pump pressure. P.O.O.H., change bit. RIH, clean out to 4486'. Survey. P.O.O.H.. RIH w/Grant blade H.O. Open under shoe @ 4379'. Open 6-1/4" hole to 12" 4379'-4394' = 15' = 1-1/2 hrs. 6:00 a.m.

2/27/86 Open hole to 4394-4409' = 15' = 1 3/4 hr. Circulate 1/2 hr. P.O.O.H. RIH w/631' 2-7/8" tbg stringer on 3-1/2 DP to 4479'. Circ. Rig cmtrs. B.J. pumped 100 cf pre flush, followed w/100 cf class "G" cmt w/20% sd. Disp w/8 cf wtr & 154 cf mud. CIP 12:45 p.m. Pull 10 stds. Clear pipe. P.O.O.H. RIH w/bit & csg scraper to 1000'. Cut & slip drlg line. RIH to 4200'. Circ. Tag cmt @ 4379'. Cln out contaminated cmt. Found firm cmt @ 4409'. P.O.O.H. RIH w/H.O., open 6-1/4 hole 4379-4409'. Pumped 93 cf class "G" cmt w/1% CaCl2, 20% sd. Disp w/167 cf mud. C.P. 5:30 a.m. Pull 10 stands. Pump DP plug to clear pipe @ 6:00 a.m.

2/28/86 P.O.O.H. RIH w/bit & csg scraper. Cln out cmt 4292-4378'. Circulate & cond mud. P.O.O.H. RIH w/6-1/4" bit bent housing, Magna drill, XO, orient sub, XO, monel clr, XO, 6 steel DC's. Magna drill 4379'-4499' = 120' = 5-3/4 hr. Pull to shoe. Run on to btm. P.O.O.H. RIH w/6-1/2" x 12" Grant rock type H.O.

3/01/86 RIH w/H.O. to 4378'. Cut shoulder @ 4378' & open hole to 12" to 4499'. Circulate & cond hole for log. POH. Rig up loggers & log. Rig down logger. Pick up BHA H.O. RIH & gauge ream hole 4378'-4499'. Circulate. Mix Hi-vis pill. Pump pill & displace. P.O.H. Rig up to run lnr. Make up 5" lnr. Run tbg tail.

3/02/86 Pick up and run 5" lnr. Set @ 4499' w/top @ 4306'. 2-3/8" tbg tail hung @ 4495'. Make up gravel packing tool. RIH (slow) to 4207'. Pump ball. Back scuttle. RIH to 4499'. Rig up gravel pkg machine. Tool plugged. Back scuttled & start gravel pkg. Hole packed off @ 1000 psi w/107 sx in place. Back scuttle. Release from lnr. POH (rotate slow). Load out grvl pkg tool & pick up lead seal adapter. RIH slow to 4308'. Set lead seal adpt. Lay down 3-1/2 DP.

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

History of Oil or Gas Well

Operator XTRA ENERGY CORPORATION Field WILMINGTON County LOS ANGELES
Well "WNF-I" 39, Sec. 19, T 45, R 13 W, SB B. & M.
A.P.I. No. Name JAMES A. McBEE (Person submitting report) Title SR. OPERATIONS ENGINEER (President, Secretary or Agent)
Date 9/14/, 19 89

Signature James A. McBee

PO BOX 40262, HOUSTON, TEXAS (TX) 77240-0262 (Address)

(713) 896-2576 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

DATE

3/03/86 Lay down 3-1/2 DP & 4-3/4 DC's. RIH w/ 2-3/8 tbg tail. Measure in. Spot cc wtr pill in liner. P.O.H. Lay down 2-3/8 tbg. Rig up Hydro-testers & test 2-7/8 tbg in hole. Rig up 2" line on tbg & pump gas out. Check for flow. No flow. Nipple down & strip over BOPE. Land tbg & prod head. Rig up to change over and change over. Secure well. Break down BOPE. Clean pits. Release rig.

3/06/86 Spotted rig and set mast up. Tbg and casing had 600 psi, bled casing down into a vacuum truck. Picked up new Trico pump 2-1/2 x 2 x 48 x 18' RWA T/Lock, made up 3 - 1-1/2 K-Bars. Picked up and ran in hole 136 - 3/4" rods. Bottom 46 - rods have two guides per single. Spaced well out and installed Hydralic unit. Hauled off extra rods to rack. Cleaned up location and shut well in. Layed rig down and moved off.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

No. T 186-494

DIVISION OF OIL AND GAS

Report on Operations

SEC. 3606 WELL

Parker B. Kemp, Agent
XTRA ENERGY CORPORATION
P.O. Box 9
Long Beach, CA 90801

Long Beach, Calif.
April 16, 1986

Your operations at well "WNF-I" 39, API No. 037-22754-01, Sec. 20, T. 4S, R. 13W, S.B. B.& M. Wilmington Field, in Los Angeles County, were witnessed on 2-24-86. D. Sanchez, Engineer, representative of the supervisor, was present from 1730 to 1800. There were also present Tim Oliveras, Drilling Foreman

Present condition of well: 10-3/4" cem 598'; 7" cem 4379', perf 4362' WSO; 5" ld 4525', perfs 4409'-4520', pulled fr 4409'. TD 4554'. Bp 4477'. Plugged w/ cem 4409-4271'.

The operations were performed for the purpose of testing the location and hardness of a cement plug placed from 4409' to 4271' in the process of plugging back to redrill.

DECISION: APPROVED.

NOTE: DEFICIENCIES TO BE CORRECTED
NONE

DEFICIENCIES CORRECTED
NONE

CONTRACTOR: Well Tech, Inc.

DS:mh

cc: Update

M. G. MEFFERD
State Oil and Gas Supervisor

By _____
Deputy Supervisor
for V. F. Gaede

OG108 (3/83/GSR1/15M)

HD 3/17/86

DIVISION OF OIL AND GAS
Cementing/Plugging Memo

186-494

Operator XTRA Energ Corp. Well No. "WNF-I" 39
API No. 037-22754-01 Sec. 20, T. 4S, R. 13W, SB B&M
Field Wilmington, County Los Angelcs. On 2/24/86,
Mr. David Sanchez, representative of the supervisor was present from 1730 to 1800.
There were also present Tim Oliveras, D.F.
Casing record of well: 10 3/4" cem 598'; 7" cem 4379', perf 4362' WSO;
5" ld 4525', perfs 4409'-4520', pulled fr 4409'. TD 4554'. bpww. Plugged
w/cem 4409'-4271',

The operations were performed for the purpose of (G) 4409' - 4271' (to redrill)

☐ The plugging/cementing operations as witnessed and reported are approved.
☑ The location and hardness of the cement plug @ 4271' is approved.

Hole size:_____" fr._____' to_____', _____" to_____' & _____" to_____'

Casing				Cemented			Top of Fill		Squeezed Away	Final Press.	Perfs.
Size	Wt.	Top	Bottom	Date	MO-Depth	Volume	Annulus	Casing			

Casing/tubing recovered: 5" " shot/cut at_____', _____', _____' ~~pulled~~ milled to fr. 4409';
_____" shot/cut at_____', _____', _____' pulled fr._____'.

Junk (in hole):_____

Hole fluid (bailed to) at_____'. Witnessed by_____

Mudding	Date	Bbls.	Displaced	Poured	Fill	Engr.

Cement Plugs		Placing	Placing Witnessed		Top Witnessed			
Date	Sx./cf	MO & Depth	Time	Engr.	Depth	Wt/Sample	Date & Time	Engr.
2/22	100cf	Tby @ 4409'	Rept by	T. Oliveras	4271'	10,000#	2/24 1800	D. Sanchez

OGD10 (8/83/GSR1/5M)

DEFICIENCIES—TO BE CORRECTED

NONE

DEFICIENCIES—CORRECTED

NONE

CONTRACTOR

Well Tech, Inc.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

No. T 186-493

DIVISION OF OIL AND GAS

Report on Operations

SEC. 3606 WELL

Parker B. Kemp, Agent
XTRA ENERGY CORPORATION
P.O. Box 9
Long Beach CA 90801

Long Beach, Calif.
April 16, 1986

Your operations at well "WNF-I" 39, API No. 037-22754-01,
Sec. 20, T. 4S, R. 13W, S.B. B.& M. Wilmington Field, in Los Angeles County,
were witnessed on 2-24-86. D. Sanchez, Engineer, representative of
the supervisor, was present from 1730 to 1930. There were also present Tim Oliveras,
Drilling Foreman

Present condition of well: 10-3/4" cem 598'; 7" cem 4379', perf 4362' WSO, 5" ld 4525',
perfs 4409'-4520', pulled fr 4409'. TD 4554'. Bp 4477'. Plugged w/ cem 4409'-4271'.

The operations were performed for the purpose of testing the blowout prevention equipment
and installation.

DECISION: APPROVED.

NOTE: DEFICIENCIES TO BE CORRECTED
NONE

DEFICIENCIES CORRECTED
1. No Permit on site.
2. Pit gain/loss horn inoperative.
3. Elbow on kill line.

CONTRACTOR: Well Tech, Inc.

DS:mh

cc: Update

M. G. MEFFERD
State Oil and Gas Supervisor

By
Deputy Supervisor
V. F. Gaede

OG108 (3/83/GSR 1/15M)

HO 8/17/86

DIVISION OF OIL AND GAS

BLOWOUT PREVENTION EQUIPMENT MEMO

T 86-493

Operator XTRA Energy Corp. Well "WNF-I" 39 Field Wilmington County Los Angeles

VISITS:	Date	Engineer	Time	Operator's Rep.	Title
1st	2/24/86	David Sanchez	1730 to 1930	Tim Oliveris	D.F.
2nd			to		

Casing record of well: 10 3/4" cem 598'; 7" cem 4379', perf 4362' WSO; 5" ld 4525', perfs 4409'-4520', pulled fr 4409'. TD 4554'. Plugged w/cem 4409'-4271'. bp 4477.

OPERATION: Testing (inspecting) the blowout prevention equipment and installation.
DECISION: The blowout prevention equipment and its installation on the 7 "casing are approved.

REQUIRED BOPE CLASS: III B2M

Proposed Well Opns: plug back & redrill MPSP: _____ psi
Hole size: _____ " fr. _____ ' to _____ ' , _____ " to _____ ' & _____ " to _____ '

CASING RECORD (BOPE ANCHOR STRING ONLY)					Cement Details	Top of Cement	
Size	Weight(s)	Grade(s)	Shoe at	CP at		Casing	Annulus

BOP STACK

API Symb.	Ram Sz.	Mfr.	Model or Type	Size (in.)	Press. Rtg.	Date Last Overhaul	a Gal. to Close	b Rec. Time (Min.)	a/b Calc. GPM Output
A	—	Hydril	GK	8	2000	—			
Rd	3½	Shaffer	B	8	"	—			
Rd	eso	"	B	8	"	—			

TEST DATA

psi Drop to Close	Secs. to Close	Test Date	Test Press.
		2/24	1000#
		2/24	1000
	Rept by	T. Oliveris	1000

ACTUATING SYSTEM

Accum. Unit(s) Wkg. Press. 3000 psi
Total Rated Pump Output _____ gpm
Distance From Well Bore 15 ft.

	Mfr.	Accum. Cap.	Precharge
1	Koomey	80 gal.	1000 psi
2		gal.	psi

CONTROL STATIONS	Elec.	Hyd.
✓ Manif. at accum. unit		✓
✓ Remote at Drlr's. stn.		pneum.
Other:		

EMERG. BACKUP SYST.			Press.	Wkg. Fl.
✓	N2 Cyl	No: 4 Type:	1 1500	2.0 gal.
	Other:		2 1600	2.5 gal.
			3 1200	3.2 gal.
			4 2400	7.3 gal.
			5	gal.
			6	gal.

AUXILIARY EQUIPMENT

		No.	Sz. (in.)	Rated Press.	Connections: Weld	Flan.	Thrd.	
✓	Fill-Up Line							
✓	Kill Line		2	2000			✓	1000
✓	Control Valve(s)	1		"			✓	—
✓	Check Valve(s)	1		"			✓	1000
✓	Auxil. Pump Connec.			"			✓	"
✓	Choke Line		2	"		✓	✓	"
✓	Control Valve(s)	6		"		✓		"
✓	Pressure Gauge						✓	
✓	Adjustable Choke(s)	2	3	2000		✓		1000
✓	Bleed Line		3				✓	
✓	Upper Kelly Cock							1000
✓	Lower Kelly Cock		3½	3000				"
✓	Standpipe Valve							—
✓	Standpipe Pressure Ga.							
✓	Pipe Safety Valve		3½	3000				—
✓	Internal Preventer		3½	"				—

HOLE FLUID MONITORING EQUIPMENT

		Alarm Aud.	Alarm Vis.	Class
✓	Calibrated Mud Pit			A
✓	Pit Level Indicator	✓	✓	B
✓	Pump Stroke Counter		✓	B
	Pit Level Recorder			C
	Flow Sensor			C
	Mud Totalizer			C
	Calibrated Trip Tank			C
	Other:			

REMARKS:

No "P" report on site. Horn on pit level indicator inoperative, elbow on Kill line

Kick-off plug — Tbg @ 4409' 100 ct, TOC 4184' c/o to 4271'

BOPE Drill OK

Hole Fluid Type	Weight	Storage Pits
polymer	9.0 ppg	200 bbls

OGD9 (10/84/DWRR/3M)

DEFICIENCIES—TO BE CORRECTED

NONE

DEFICIENCIES—CORRECTED

1) No Permit on site
2) Pit gain/loss horn inoperative
3) Elbow on kill line

CONTRACTOR

Well Tech, Inc.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

No. P 186-51

PERMIT TO CONDUCT WELL OPERATIONS

SEC. 3606 WELL

849 (field code)
03 (area code)
20 (new pool code)
20 (old pool code)

John D. Carmichael, Agent
XTRA ENERGY CORPORATION
P.O. Box "9"
Long Beach, CA 90801

Long Beach, California
January 27, 1986

Your redrill proposal to redrill well "WNF-I" 39,
A.P.I. No. 037-22754-01, Section 20, T. 4S, R. 13W, S.B. B. & M.,
Wilmington field, Fault Block I, Onshore area, Ranger pool,
Los Angeles County, dated 1-17-86, received 1-21-86 has been examined in conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED:

1. Blowout prevention equipment, equivalent to this division's Class IIIB2M requirements, or better, shall be installed and maintained in operating condition.
2. All portions of the hole not plugged with cement shall be filled with clay base mud having a minimum density of 72 lb/cu ft and a minimum gel-shear strength of 25 lb/100 sq ft.
3. The provisions of Section 3606 relating to derricks and subsurface spacing shall be followed.
4. A directional survey shall be made and filed with this division.
5. This division shall be consulted and a Supplementary Notice may be required before making any changes in the proposed program.
6. THIS DIVISION SHALL BE NOTIFIED TO:
   a. Witness the ~~placing~~ TAG of the cement plug from 4410' to 4300'.
   b. Witness a test of the installed blowout prevention equipment prior to drilling below 4379'.

NOTE: A crew drill may be required at the time of the blowout prevention equipment test.

HRO:mh

cc: Update
EDP

BLANKET BOND

Engineer Herman R. Olilang

Phone (213) 590-5311

M. G. MEFFERD, State Oil and Gas Supervisor

By for V. F. Gaede, *Deputy Supervisor*

A copy of this permit and the proposal must be posted at the well site prior to commencing operations.

Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.

OG111 (6/85/DWRR/5M)

OG 107 (8/79)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

Notice of Intention to Rework Well

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

Redrill -01

FOR DIVISION USE ONLY		
BOND	FORMS	
	OGD114	OGD121
B.P.	1-22-86	1-22-86

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework well "WNF-1" 39 (Well designation), API No. 037-22754

Sec. 20, T. 4S, R. 13W, SB B. & M., Wilmington Field, Los Angeles County.

The present condition of the well is as follows:

1. Total depth
   4554'

2. Complete casing record, including plugs and perforations

   10 3/4" , 40.5# , K-55 , 598'
   7" , 23# , K-55 , 4739'
   5" , 18# , N-80 , 4321' - 4525' *
   perf'd 4390'-4520'
   *cast iron plug set at 4477'

F.B. 1

3. Present producing zone name Ranger ; Zone in which well is to be recompleted Ranger

4. Present zone pressure 1575 + ; New zone pressure 1575 +

5. Last produced now producing (Date) | 22 (Oil, B/D) | 1 (Water, B/D) | --- (Gas, Mcf/D)

   (or)

   Last injected _____ (Date) | _____ (Water, B/D) | _____ (Gas, Mcf/D) | _____ (Surface pressure, psig)

The proposed work is as follows:

Side track and redrill well from the shoe of 7" casing

Program attached

C7
C42

It is understood that if changes in this plan become necessary, we are to notify you immediately.

Address 2501 Cherry Avenue, Suite 270 (Street)
Signal Hill (City) CA (State) 90806 (Zip)
Telephone Number 424-8549

Xtra Energy Corporation (Name of Operator)
By Parker B. Kemp (Print Name)
Parker B. Kemp (Signature) 1-17-86 (Date)

XTRA ENERGY CORPORATION

PROGRAM FOR DRILLING

WELL NO. WNF-I # 39

Reference Point: KB which is 22' above G. E.

Elevation: 39' GE + 22' KB = 61'

Program:

10-3/4" 40.5 # to be cemented at 598'
7 " 23 # to be cemented at 4379'
5 " 18 # liner; top @ 4321'
shoe @ 4525'

Plug: 5" cast iron plug set in liner @ 4477'

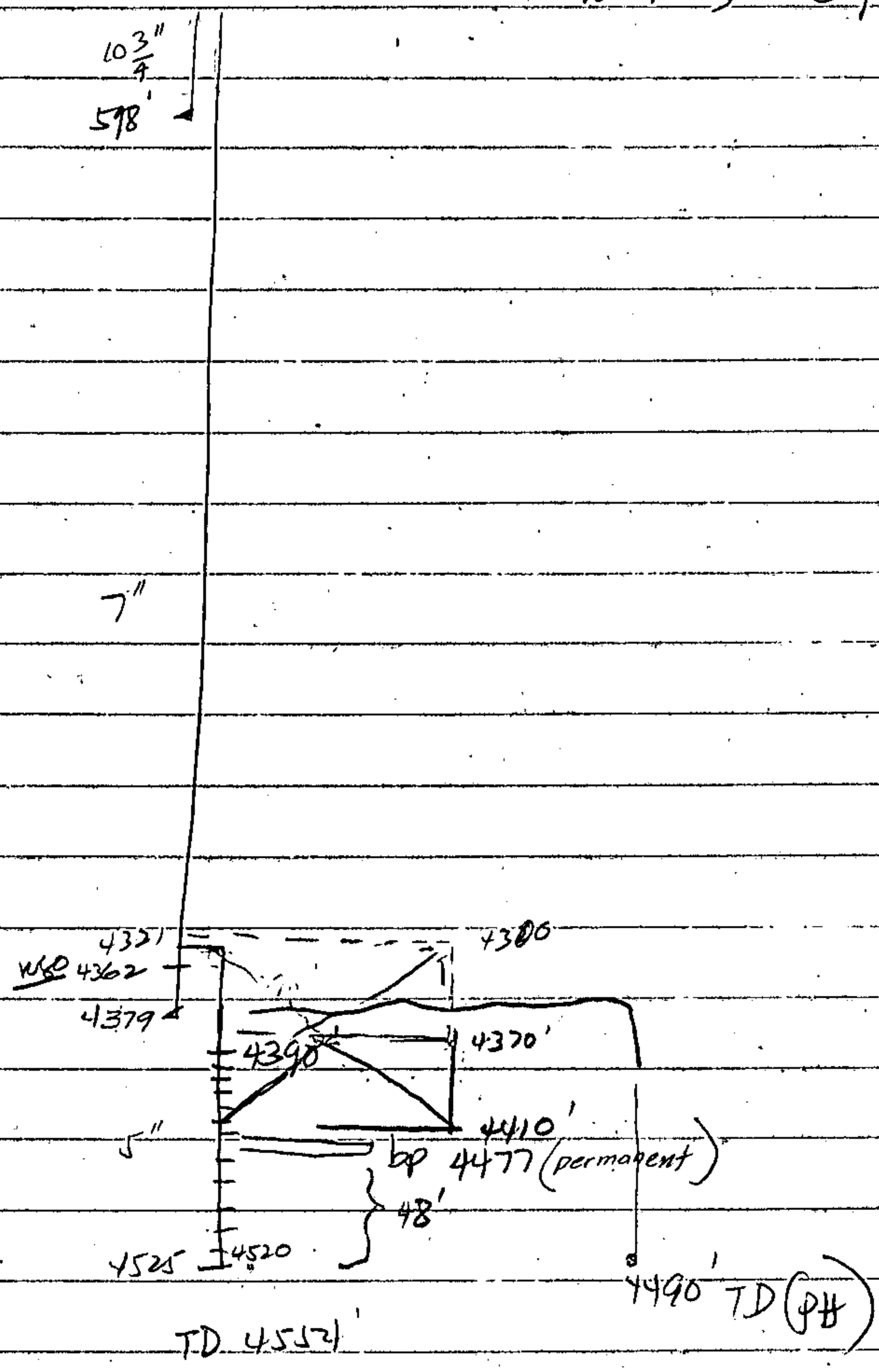
Proposal: Side track hole and redrill well from the shoe of the 7" casing.

Procedure:

1. Move in rotary equipment. D.O.G. to witness BOP tests. BOP equipment to be Class III.
2. Pull 2-7/8" tubing and lay down.
3. Pick up 3-1/2" drill pipe and run in hole with 5" inside casing cutter. Circulate well with 74#/cu ft clean polymer mud.
4. Cut 5" liner @ 4374'. Pull out of the hole.
5. Run in hole with 5" spear, jars and bumper sub. Fish and pull 5" liner stub and liner hanger.
6. Run in hole with 5" x 3" pilot mill. Mill out liner from 4374' to 4410'. Pull out of the hole.
7. Run in the hole with 6" x 12" under reamer. Open hole from the 7" shoe @ 4379' to 4410'. Pull out of the hole.
8. Run in the hole with open ended drill pipe to 4410'. Set 50 sacks densified cement plug from 4410' to 4300'. Pull out of the hole.
9. Run in the hole with 6-1/4" bit. Drill out cement to 4389'. Circulate and condition mud. Pull out of the hole.
10. Run in the hole with Dynadril and side track the hole.
11. Drill a 6-1/4" hole to 4490'.
12. Open the 6-1/4" hole to 12" from 4379' to 4490'.
13. Run 5" - 18# slotted liner as directed.
14. Gravel pack liner with 10-16 mesh gravel.
15. Set drive on lead seal adaptor and change well over to produced water.
16. Lay down 3-1/2" drill pipe and move off.

Well # 39
JDC:sc
7-29-85

"WNF-J" 39


10 3/4"
578'
7"
4321
4362
4379
4390
4370'
4410'
5"
bp 4477 (permanent)
48'
4525
4520
TD 4552'
4300
4490' TD (pf)

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

REPORT ON PROPOSED CHANGE OF WELL DESIGNATION

Long Beach, California

October 17, 1983

John D. Carmichael, Agent
XTRA ENERGY CORPORATION
2501 Cherry Avenue, Suite 270
Signal Hill, CA 90806

Your request, dated September 15, 1983, proposing to change the designation of well(s) in Sec. see below, T. 4S, R. 13W, S.B. B. & M., Wilmington field, Los Angeles County, District No. 1, has been received.

The proposed change in designation, in accordance with Section 3203, Public Resources Code, is authorized as follows:

Sec. 19-4S-13W

OLD	NEW DESIGN.		API 037-
8	"WNF-I"	8	22620
10	"WNF-I"	10	22611
18	"WNF-I"	18	22853
19	"WNF-I"	19	22846
20	"WNF-I"	20	22652
23	"WNF-I"	23	22672
26	"WNF-I"	26	22666-01
27	"WNF-I"	27	22673
28	"WNF-I"	28	22674
29	"WNF-I"	29	22648
43	"WNF-I"	43	22682

Sec. 20-4S-13W

42	"WNF-I"	42	22689
44	"WNF-I"	44	22820

OLD		NEW		API 037-
"American Can"	1	"WNF-I"	12	21433
"	2	"WNF-I"	15	21644
"	3	"WNF-I"	3	21768
"Dasco Unit"	1	"WNF-I"	1	21671
I-14		"WNF-I"	11	22603
"Purex Unit"	1	"WNF-I"	9	21669
"	2	"WNF-I"	5	21753
"	3	"WNF-I"	4	21754
"Sanitation Unit"	1	"WNF-I"	21	21445

Sec. 20-4S-13W

31	"WNF-I"	31	22767	36	"WNF-I"	36	22769
33	"WNF-I"	33	22768	37	"WNF-I"	37	22796
34	"WNF-I"	34	22787	38	"WNF-I"	38	22752
35	"WNF-I"	35	22795	39	"WNF-I"	39	22754

M. G. MEFFERD, State Oil and Gas Supervisor

By _____
FOR V. F. GAEDE, *Deputy Supervisor*

EDP
Update
Conservation Committee
Long Beach Dept. of Oil Properties

OGD 157 (3-79-DWRR-1M)

Sec. 20-4S-13W

OLD	NEW	API 037-
"Shell Unit" 1	"WNF-I" 32	21729
"Shell Unit" 2	"WNF-I" 40	21769

Sec. 29-4S-13W

"Lomita Unit" 1	"WNF-I" 67	22487
49	"WNF-I" 49	22886
50	"WNF-I" 50	22884
51	"WNF-I" 51	22885
53	"WNF-I" 53	22874
54	"WNF-I" 54	22871
56	"WNF-I" 56	22865
57	"WNF-I" 57	22815

DIVISION OF OIL AND GAS

CHECK LIST - RECORDS RECEIVED AND WELL STATUS

Company Xtra Energy Corp Well No. 39

API No. 037-22754 Sec. 19, T. 4S, R. 13W, S.B. B.&M.

County L.A. Field Wilmington

RECORDS RECEIVED	DATE		STATUS		STATUS	
Well Summary (Form OG100)	5/20/83	(2)	Producing - Oil	✓	Water Disposal	
History (Form OG103)	5/20/83	(2)	Idle - Oil		Water Flood	
Core Record (Form OG101)			Abandoned - Oil		Steam Flood	
Directional Survey	5/20/83	(2)	Drilling - Idle		Fire Flood	
Sidewall Samples			Abandoned - Dry Hole		Air Injection	
Other			Producing - Gas		Gas Injection	
Date final records received			Idle - Gas		CO_2 Injection	
Electric logs			Abandoned - Gas		LPG Injection	
Ind. Elect.	5/20/83	(2)	Gas-Open to Oil Zone		Observation	
Ind. Elect.	5/20/83	(2)	Water Flood Source			
			DATE	10-21-82		
			RECOMPLETED			
			REMARKS			

ENGINEER'S CHECK LIST

1. Summary, History, & Core record (dupl.) ✓ ✓
2. Electric Log ✓
3. Operator's Name
4. Signature
5. Well Designation
6. Location
7. Elevation
8. Notices ✓
9. "T" Reports ✓
10. Casing Record
11. Plugs
12. Surface Inspection
13. Production
14. E Well on Prod. Dir. Sur. ✓

CLERICAL CHECK LIST

1. Location change (F-OGD165)
2. Elevation change (F-OGD165)
3. Form OGD121
4. Form OG159 (Final Letter)
5. Form OGD150b (Release of Bond)
6. Duplicate logs to archives
7. Notice of Records due (F-OGD170)

UPDATE CENTER 6/8/83

RECORDS NOT APPROVED

Reason:

RECORDS APPROVED [signature]

RELEASE BOND

Date Eligible

(Use date last needed records were received.)

MAP AND MAP BOOK ✓ 12861618

LONG BEACH OFFICE - USE REVERSE SIDE

OGD2 (12/80/DWRR/5M)

CHECK LIST - RECORDS RECEIVED AND WELL STATUS

Well No._____

API No._____ Sec._____, T._____, R._____, _____B.&M.

WORK PERFORMED

Drill_____ Redrill_____ Deepen_____

Plug_____ Alter Casing_____

Water Flood_____ Water Disposal_____

Abandon_____

Other_____

STATUS DATE

Producing_____

Recompleted Producing_____

Water Flood_____

Water Disposal_____

Abandoned_____

Other_____

MAP AND BOOK_____ Engineer_____

RECORDS FILED AND DATE Clerk_____

Summary_____

Log and Core_____

History_____

E-log_____

_____

Directional Survey_____

Other_____

(Check records for signature and correct name of operator or well, section, township, range, and field.)

Location_____ Notice states_____

_____

_____

_____

_____

_____

Elevation_____ Notice states_____

_____

_____

_____

_____

Production Reports_____

_____

(If production reports not received, make notation and inform Senior Stenographer when received.)

RECORDS & REQUIREMENTS CHECKED Engineer_____

_____

_____

_____

_____

_____

_____

_____

Surface Inspection_____

Data Needed_____

Request Records_____ OGD170_____

Correct records_____ OGD165_____
(Specify)

CARDS_____

BOND_____

Hold_____ Reason_____

Release_____ Date Eligible_____ OGD150_____

(Check One)

End premium year _____

Release requested _____

Bond superseded _____

Well abandoned _____

Environmental Inspection_____ Engineer_____

FINAL LETTER_____ OG159_____

and

File cleared _____ OGD121_____

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

API No. 037-22754

WELL SUMMARY REPORT

Operator	Well				
Xtra Energy Corp.	39				
Field	**County**	**Sec.**	**T.**	**R.**	**B.&M.**
Wilmington	Los Angeles	20	4S	13W	S.B.

Location (Give surface location from property or section corner, street center line and/or California coordinates)
211' North along property line & 992' East at right angles to said line from the Southwest corner of the property which is the Northeast corner of Main St. and the At and SF right-of-way.

Elevation of ground above sea level: 36'

Commenced drilling (date): 10/2/82

Completed drilling (date): 10/21/82

Commenced producing (date):

☐ Flowing ☒ Pumping
☐ Gas lift

Name of producing zone(s): Ranger

Total depth (1st hole)	(2nd)	(3rd)
4554'		

Present effective depth: 4554'

Junk: None

Depth measurements taken from top of:
☐ Derrick Floor ☐ Rotary Table ☒ Kelly Bushing
Which is 22 feet above ground

GEOLOGICAL MARKERS	DEPTH
F	4373'
M	4427'
H	4493'

Formation and age at total depth

	Clean Oil (bbl per day)	Gravity Clean Oil	Percent Water including emulsion	Gas (Mcf per day)	Tubing Pressure	Casing Pressure
Initial Production						
Production After 30 days						

CASING RECORD (Present Hole)

Size of Casing (API)	Top of Casing	Depth of Shoe	Weight of Casing	Grade and Type of Casing	New or Second Hand	Size of Hole Drilled	Number of Sacks or Cubic Feet of Cement	Depth of Cementing (if through perforations)
10 3/4"	Surf	598'	40.5 #	K-55	New	14 3/4"	840 CF	
7"	Surf	4379' ~~4739'~~	23 #	K-55	New	9 7/8"	613 CF	
5"	4321'	4525'	18 #	N-80	New			

PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforation and method.)
Top: 4321' Shoe: 4525', 5" - 18# blank and Johnson pipeless, SS, wirewrapped Screen
(See liner detail)

Was the well directionally drilled? If yes, show coordinates at total depth
☒ Yes ☐ No 1139' North and 1852' East

Electrical log depths
4552' to 590'

Other surveys
None

In compliance with Sec. 3215, Division 3 of the Public Resources Code, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Name	Title	
John D. Carmichael	Senior Vice President	
Address	**City**	**Zip Code**
2501 Cherry Avenue Suite 270	Signal Hill, CA	90806
Telephone Number	**Signature**	**Date**
(213) 424-8549	John D. Carmichael	April 12, 1983

SUBMIT IN DUPLICATE

OG100 (3/82/GSR1/5M)

SUBMIT IN DUPLICATE

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

History of Oil or Gas Well

Operator XTRA ENERGY CORP. Field WILMINGTON County LOS ANGELES
Well 39, Sec. 20, T 4S, R 13W, S.B.B. & M.
A.P.I. No. 037-22754 Name John D. Carmichael (Person submitting report) Title Senior Vice President (President, Secretary or Agent)
Date 10-28, 1982.

Signature John D. Carmichael

717 Walton St. Signal Hill CA 90806 (213) 424-8549
(Address) (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

Date	
10-2	MI Cal-Pacific Rig No. 1, fin RU, spud in @ 2:30 A.M., 10-2-82, drld & surveyed fr 65' to 315' @ 6 A.M. CB mud. Mud wt 76#/CF, WL 10.0 cc, vis 50", solids 10.0% sand 1.5%, cake 2/32", 800 ppm Cl, oil - trace
10-3	Cont'd drlg 14-3/4" hole fr 315' to 600', Meas OH, RIH, C & C mud, POH, RU H & H tong, RIH w/598' of 10-3/4" 40.5#, J-55 csg, B-J pmpd 350 sx of class G cmt mxd 1:1:4 followed by 190 sx G cmt neat, all cmt mxd w/2% $CaCl_2$, good cmt rtns, CIP @ 5:45 P.M. 10-2-82, weld on 10-3/4" csg head, now N/U BOP @ 6 A.M. CB mud wt 72#/CF, WL 8.8 cc, vis 42", solids 8%, sand - trace, cake 2/32", 1100 ppm, Cl, oil - trace.
10-4	Fin instlg BOP, tst BOP & csg w/1000 psi for 15 mins, OK by DOG, RIH w/9-7/8" bit, fnd cmt @ 545', D/O cmt & FS, drld to 725', POH, RIH w/9-7/8" bit & Dynadril, Dynadrld fr 725' to 1260' @ 6 A.M. Cum rotating time 7.5 hrs. CB mud wt 68#/CF, WL 10.3 cc, vis 42", solids 7.0 %, sand 0.25%, cake 2/32", 1800 ppm Cl, oil - trace.
10-5	Dynadrld & surveyed 9-7/8" hole fr 1260' to 1508', brk survey wire, POH, rec survey tool, RIH w/building assy, reamed fr 725' to 1505', drld & survyed 9-7/8" hole to 2012', POH to change bit, now RIH @ 6 A.M. SS @ 2012', 45°, N 58° E, hole is 3' left & 1-1/2' hi. CB mud wt 74#/CF, WL 6.9 cc, vis 43", solids 12.0%, sand 0.5%, cake 2/32", 2000 ppm Cl; oil 8%.
10-6	Fin RIH w/locked in assy, drld & surveyed 9-7/8" hole fr 2012' to 3174' @ 6 A.M. SS @ 3144', 45° 15', N 55° 30' E, hole is 29' left & 19' low. CB mud wt 76#/CF, WL 5.9 cc, vis 53", solids 14.0%, sand 1.0%, cake 2/32", 2900 ppm Cl, oil 5.0%.
10-7	Cont'd drlg & surveying 9-7/8" hole fr 3174' to 3267', C & C mud, POH, RIH w/Dynadril, tools stopped @ 1735', wrkd thru tight hole to 1900', POH, RIH w/drlg assy, reamed fr 1734' to 2150', RIH to 3267', C & C mud, POH, RIH w/Dynadril to 3267', orient Dynadril, drld 9-7/8" hole to 3285' @ 6 A.M. SS @ 3267' 45°, N 55° 30' E, hole is 35' left & 19' low. CB mud wt 75#/CF, WL 5.3 cc, vis 47", solids 14.0%, sand 0.75%, cake 2/32", 2100 ppm Cl, oil 5%.

10-8 Cont'd Dynadrilling 9-7/8" hole fr 3285' to 3339', while taking SS, dropped survey instrument down outside of DP, Circ WO new survey tools, 1 hr, Drld & surveyed to 3370' started POH, pipe stuck @ 3300', wrkd pipe fr 3300' to 3370', pipe stuck @ 3335', jarred & wrkd stuck pipe while WO Dialog, unable to get tools below 2830', chngd to 1" free pt tools, fnd pipe stuck @ 2790', now mxg oil & mud lube to spot before back off, will leave bit, Dynadril, 1 MDC, 2 6-3/4" DC, 4 jts hng DP, jars & 10 jts hng wall DP in hole. CB mud wt 75#/CF, WL 5.0 cc, vis 44", solids 14.0%, sand 0.75%, cake 2/32", 2200 ppm Cl, oil 5%.

10-9 Added 50 bbls of oil to mud, ran free pt & bkd off DP @ 2696', POH, RIH w/screw in sub, Bmpr sub, jars, 4 - 6-3/4" DC & accelerator, eng'd fish @ 2696', spotted 50 bbls oil around fish, jarred on fish fr 6:30 P.M. until 6 A.M. No results. Clay base mud wt 74.5#, WL 4.8 cc, vis 57", solids 13%, sand 0.5%, cake 2/32", 2100 ppm Cl, oil 9.0%.

10-10 Ran free pt & bk off @ 2786', POH w/ 2 jts hvy wall DP & 1 jt plain DP, RIH w/wash pipe, wsh over fish fr 2786' to 3061', circ cln, POH w/wsh pipe, RIH w/screw in sub, bmpr sub, jars, 4 - 6-3/4" DC & accelerator, eng'd fish @ 2786', ran free pt, bkd off @ 3059', now POH @ 6 A.M. CB mud wt 74#/CF, WL 4.2 cc, vis 47", solids 12.0%, sand 0.25%, cake 2/32", 1800 ppm Cl, oil 10.0%.

10-11 Fin POH w/9 jts 4-1/2" hvy wall DP, RIH w/wash pipe, wsh over fr 3059' to 3315', circ cln, POH, RIH w/screw in sub, bmpr sub, jars & accelerator, eng'd fish @ 3059' Dialog ran free pt, showed stuck @ 3213', jarred fish loose, POH w/complete fish, now RIH w/OS to fish for sinker bars. CB mud wt 74#/CF, WL 4.6 cc, vis 59", solids 12.0%, sand 0.25%, cake 2/32", 1800 ppm Cl, oil 10.0%.

10-12 RIH w/OS, jars & B-sub, wrkd tools to 3364', POH, rec 19" of survey barrel, RIH w/9-7/8" bit & near bit stab, tools stopped @ 3230' reamed to 3290', tools torquing up and acting like trying to side track hole, circ clean, POH, RIH w/OE DP, Dowell equalized 250 sx "G" cmt fr 3290' to 2790', CIP @ 2:30 A.M. Cmt mxd w/ 2% $CaCl_2$ wtr, POH, WOC @ 6 AM. CB mud wt 74.5#/CF, WL 4.8 cc, vis 65", solids 12.0%, sand 0.5%, cake 2/32", 1600 ppm Cl, oil 10.0%.

10-13 Dowell set 250 sx plg in 2 stages as follows: pmpd 20 bbls of caustic wtr, 125 sx neat "G" cmt w/2% $CaCl_2$, dsplsd w/ 40 bbls mud, P/U, pmpd 10 bbls caustic wtr, 125 sx neat "G" cmt mxd w/2% $CaCl_2$, dsplsd w/38 bbls mud, top of cmt est @ 2790', WOC until 2 P.M. RIH to 2585', C/O cmt stringers to 2821', hrd cmt, C & C mud, POH, RIH w/Dynadrill, orient Dynadrill, drld & surveyed fr 2821' to 2928', RT for drlg assy @ 6 A.M. SS @ 2867', 45°, N 57° 30' E, hole is 18.5' left and 20' low. CB mud wt 73#/CF, WL 5.4 cc, vis 49", solids 12.0%, sand 0.5%, cake 1/32", 1500 ppm Cl, oil 8.0%.

10-14 Fin RIH w/locked up drlg assy, drld & surveyed 9-7/8" hole fr 2928' to 3262', RTCB & dropping assy, drld & surveyed fr 3262' to 3361'. SS @ 3361', 43° 45', N 61°E, hole is 2.5' left & 15' low. CB mud wt 74#/CF, WL 4.6 cc, vis 51", solids 12.0%, sand 0.75%, cake 1/32", 1700 ppm Cl, oil 12.0%.

10-15 Cont'd drlg & surveying 9-7/8" hole fr 3361' to 3485', made wiper trip to 3000', cont'd drlg to 3824', made wiper trip to 3320', drld to 3933', C & C mud, now POH to chng bits @ 6 A.M. SS @ 3886', 37°, N 57° E, hole is 4' right & 16' low. CB mud wt 76#/CF, WL 4.4 cc, vis 27", solids 12.0%, sand 1.0%, cake 1/32", 1500 ppm Cl, oil 12.0%.

10-16 Fin RTCB, drld & surveyed 9-7/8" hole fr 3933' to 4554', made wiper trip to hvy wall, meas DP, RIH to TD, circ cln, POH, Gearhart now RU for log @ 6 A.M. SS @ 4554', 30°, N 54° E, hole is 20' left and on line for angle. CB mud wt 76#/CF, WL 4.0 cc, vis 49", solids 13.0%, sand 1.0%, cake 1/32", 1300 ppm Cl, oil 10.0%.

10-17 Gearhart ran IES log fr 4554' to 598', RIH w/9-7/8" drlg assy to 4554', C & C mud for csg, POH, H & H Tong Serv ran 121 jts 7", 23#, K-55 Buttress csg, shoe @ 4379', FC @ 4303', B-J cmtd csg w/100 CF weighted mud sweep, 290 sx "G" cmt mxd 1:1:4 w/62 bbls wtr w/2% $CaCl_2$, followed by 85 sx neat "G" cmt mxd w/10 bbls wtr w/2% $CaCl_2$, dsplsd w/169 bbls of mud, bmpd plug w/ 1200 psi. CIP @ 7:45 P.M. 10-16-82. Rmvd BOP, set slips in well head, rough cut 31' of 7" csg, welded on tbg head, now N/U BOP @ 6 A.M. CB mud wt 76#/CF, WL 6.2 cc, vis 52", solids 12.0%, sand 0.5%, cake 2/32", 1500 ppm Cl, oil 8.0%.

10-18 Fin N/U BOP, LD 4-1/2" DP & tools. Now P/U 3-1/2" DP @ GIH w/6-1/4" bit @ 6 A.M. CB mud wt 76#/CF, WL 6.6 cc, vis 50", solids 12.0%, sand 0.25%, cake 2/32", 1400 ppm Cl, oil 8.0%.

10-19 Tst csg & BOP w/1000 psi, OK, D/O FC @ 4303' & cmt to 4370', C & C mud, POH, RIH w/Lynes WSO tools, perf'd 4 1/2" holes @ 4363', set pkr @ 4308, tst dry for 1 hr, POH, test OK'd by DOG's R. Nazig, RIH w/6-1/4" bit, D/O cmt & shoe @ 4379', C/O to 4554', circ cln, chng over to Polymer mud, POH, RIH w/6-1/4" x 12" hole opnr, opnd hole fr 4379' to 4439' @ 6 A.M. Polymer mud wt 71#/CF WL 7.0 cc, vis 40", solids 1.0%, sand 0.25%, cake - film, 150,000 ppm Cl, oil 8.0%.

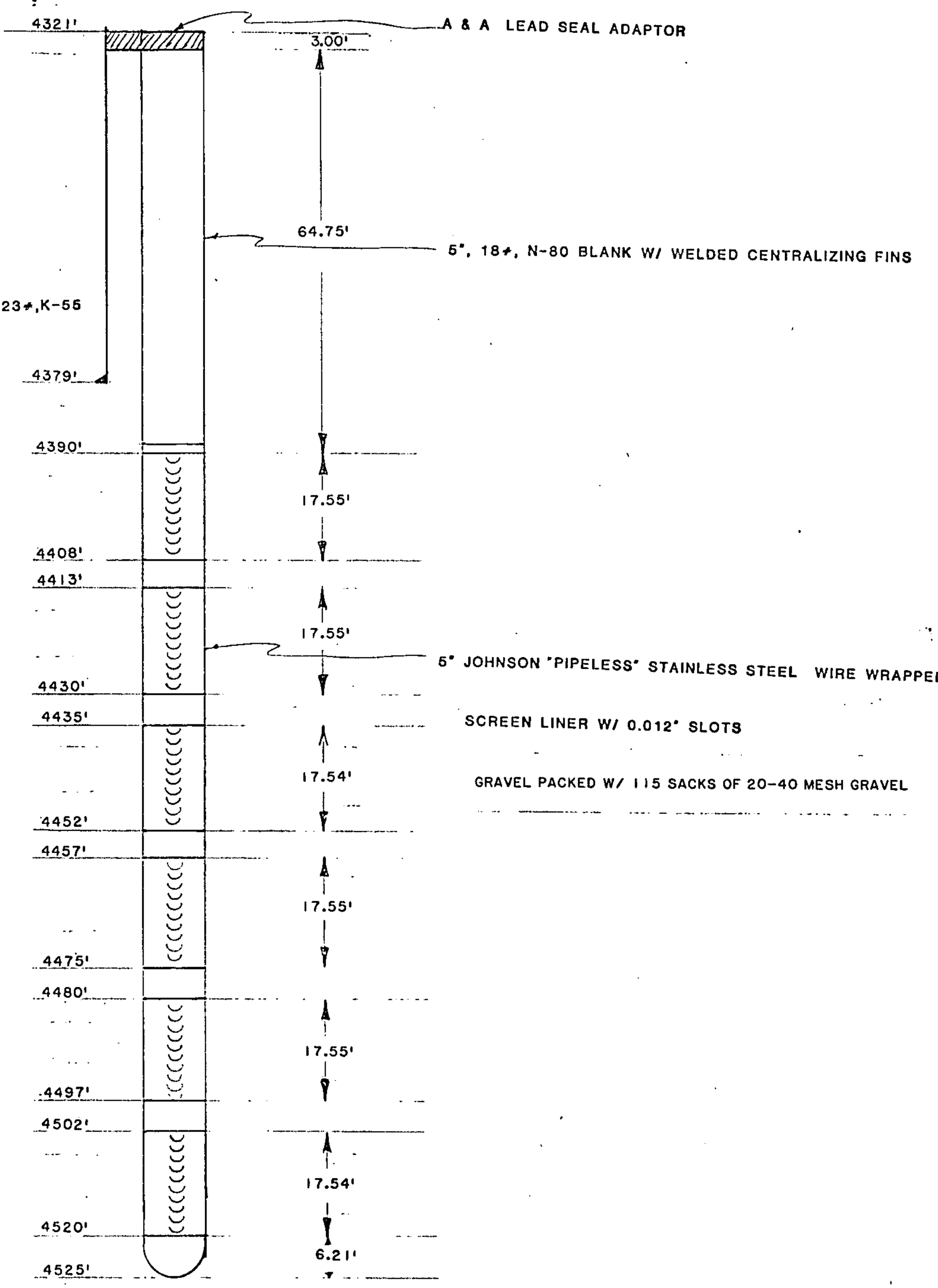
10-20 Fin opng 9-7/8" hole to 12" fr 4439' to 4550', circ cln, POH, Sch ran Caliper log fr 4529' to 4379', re-run hole opnr fr 4379' to 4550', circ cln, POH, RIH w/5" screen lnr, btm of bull nose @ 4525', now gvl pkg @ 6 A.M. Polymer mud wt 72#/CF, WL 7.4 cc, vis 34", solids 1.5%, sand 0.25%, cake - film, 155,000 ppm Cl, oil 6.0%.

10-21 5" stainless steel, wire wrapped, "pipeless" lnr w/0.012" slots, adaptor @ 4323', Bull nose shoe @ 4525', A & A gvl pkd lnr w/115 CF of 20-40 mesh gvl, Calc vol 107 CF, circ cln, POH, RIH w/lead seal, set @ 4321', dsplsd polymer mud w/SW, POH & LD 3-1/2" DP, rmvd BOP, P/U 3 jts 2-7/8" tbg, dropped tbg in hole, N/U BOP, rcvd orders to move rig, rmvd BOP, instld tbg flange & RD to move to No. 38 @ 6 A.M.

XTRA ENERGY CORP.

LINER DETAIL

WELL NO. 39



10/82 - JDC

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

No. T 182-912

DIVISION OF OIL AND GAS

Report on Operations

SEC. 3606

John D. Carmichael, Agent
XTRA ENERGY CORPORATION
717 Walton St,
Signal Hill, CA 90806

Long Beach Calif.
November 4, 1982

Your operations at well 39, API No. 037-22754,
Sec. 20, T. 4S, R. 13W, S.B. B.& M. Wilmington Field, in Los Angeles County,
were witnessed on 10-18-82. R. Novia, Engineer, representative of
the supervisor, was present from 1730 to 1800. There were also present R. Napier,
Drilling Foreman.
Present condition of well: 16" cem 60'; 10¾" cem 598'; 7" cem 4379', perf 4362' WSO. TD
4454' (drilling).

The operations were performed for the purpose of testing the 7" shut-off at 4362'.

DECISION: APPROVED

NOTE: DEFICIENCIES-TO BE CORRECTED
None

DEFICIENCIES-CORRECTED
None

CONTRACTOR: Cal Pacific Drilling Co.

RN:mm

cc: Update

M.G. MEFFERD
State Oil and Gas Supervisor

By _____
Deputy Supervisor
J.L. HARDOIN

OG109(12-80-15M)

Form OGD8 (8/80)

DIVISION OF OIL AND GAS

Formation WATER SHUTOFF TEST 10-27-82 No. T ~~9~~ 912

Operator Xtra Energy Corp.

Well designation 39 Sec. 20, T. 4S, R. 13W, SB B.&M.

Field Wilmington, County LA was tested for water shutoff on 10/18/82. (Name) R. Davis, representative of the supervisor, was present from 1730 to 1800. Also present were R. Napier DE

Casing record of well:

16" cem 60'; 10 3/4" cem 598'; 7" cem 4379', perf 4362' WSO.

TD 4454' (Drilling)

The operations were performed for the purpose of (B-1) 7" @ 4362

[X] The 7 " shutoff at 4362 ' is approved.

[ ] The seal between the _____" and _____" casings is approved.

[ ] The operations are approved as indicating that all of the injection fluid is confined to the formations below _____' at this time.

Hole size: 9 5/8 " fr. 598 ' to 4454 '; _____" to _____';& _____" to _____'

Casing				Cemented			Top of Fill		Sqd. Away	Final Press	Test psi/min. Perfs.
Size	Wt.	Top	Bottom	Date	MO-Depth	Volume	Annulus	Casing			
7"	23	0	4379	10/16	f.c. @ 4306 Recemented	375 Sx	2079±	4306	-	1200	

Depth or interval tested 4362 (4) ½" holes

The hole was open to 4370 ' for test.

FORMATION TEST:

Packer(s) 4308 ' & _____ ' Tail 4323 ' Bean size 3/4 " Cushion None

IHP 2157/2148 IFP 28/25 FFP 32/30 FHP 2157/2148

Blow Medium blow for 7 min. Then dead for remainder

Open for test _____ Hr. 60 min. Fluid entry 1100' (drilling mud) 10.2 ppg

BAILING TEST:

The hole fluid was bailed to _____', at _____ on _____ 19__.

The hole fluid was found at _____', at _____ on _____ 19__.
(time)

PRODUCTION TEST:

Gauge/meter reading _____ on _____ 19__, at _____ pump depth _____' Engr. _____

Gauge/meter reading _____ on _____ 19__, at _____ Engr. _____

Fluid level _____' surveyed on _____ 19__, reviewed (witnessed) by _____

Total fluid produced, Bbls. _____ Net oil _____ Water _____

Rate: _____ B/D oil, _____ B/D water, _____ % water cut

INJECTION SURVEY:

RA/Spinner/Temperature survey run at _____ B/D & _____ psi on _____ 19__, fluid confined below _____' (Packer depth _____')

DEFICIENCIES—TO BE CORRECTED

None

DEFICIENCIES—CORRECTED

None

CONTRACTOR

Cal Pacific Drilling Co.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

No. T 182-862

DIVISION OF OIL AND GAS

Report on Operations

Sec. 3606 Well

John D. Carmichael, Agent
XTRA ENERGY CORPORATION
717 Walton St.
Signal Hill, CA 90806

Long Beach Calif.
October 14, 1982

Your operations at well 39, API No. 037-22754,
Sec. 20, T. 4S, R. 13W S.B. B.& M. Wilmington Field, in Los Angeles County,
were witnessed on 10/3/82. E. Santiago, Engineer, representative of
the supervisor, was present from 1400 to 1700. There were also present Roy Napier,
Drilling Foreman
Present condition of well: 16" cem 60'; 10-3/4" cem 598', TD 600' (Drilling)

The operations were performed for the purpose of testing the blowout prevention equipment
and installation.

DECISION: APPROVED

NOTE: DEFICIENCIES TO BE CORRECTED
NONE

DEFICIENCIES CORRECTED
1. Pit level indicator not installed on rig floor.
2. Pressure gauge not functioning on choke manifold.

CONTRACTOR - Cal Pacific Drilling Co.

ES:csw

cc: Update

M.G. MEFFERD
State Oil and Gas Supervisor

By _____
Deputy Supervisor
J.L. HARDOIN

OG109(12-80-15M)

DIVISION OF OIL AND GAS
BLOWOUT PREVENTION EQUIPMENT MEMO

OR WEB 10-12-82

T 8S

Operator XTRA ENERGY CORPORATION Well 39 Field WILMINGTON County LOS ANGELES

VISITS:	Date	Engineer	Time		Operator's Rep.	Title
1st	10/3/82	E. SANTIAGO	1400	to 1700	ROY NAPIER	D.F.
2nd				to		

Casing record of well: 16" CEM 60'; 10 3/4" CEM 598'. TO 600 (drilling).

OPERATION: Testing (~~inspecting~~) the blowout prevention equipment and installation.
DECISION: The blowout prevention equipment and installation are approved.

Proposed Well Opns: DRILL MPSP: _____ psi

REQUIRED BOPE CLASS: III B 2M

Hole size: 14 3/4 " fr. 60 ' to 600 ', _____ " to _____ ' & _____ " to _____ '

CASING RECORD (BOPE ANCHOR STRING ONLY)					Cement Details	Top of Cement	
Size	Weight(s)	Grade (s)	Shoe at	CP at	840 cf of 1:1:4 w/2% $CaCl_2$	Casing	Annulus
10 3/4	40.0	J-55	598			548'	0'

BOP STACK							a	b	a/b	TEST DATA			
API Symb.	Ram Sz.	Mfr.	Model or Type	Size In.	Press. Rtg.	Date Last Overhaul	Gal. to Close	Rec.Time Min.	Calc.GPM Output	psi Drop to Close	Secs.to Close	Test Date	Test Press.
A	—	SHAFCO		13 3/8	5000	—						10/3	1000
Rd	4½	SHAFFER	B	13 3/8	5000	—						10/3	1000
Ad	CSO	SHAFFER	B	13 3/8	5000	—				Bpt by R.	NAPIER.	10/3	1000

ACTUATING SYSTEM

Accum.Unit(s) Wkg.Press. 3000 psi
Total Rated Pump Output _____ gpm
Distance From Well Bore 50 ft.

	Mfr.	Accum. Cap.	Precharge
1	KOOMEY	90 gal.	1000 psi
2		gal.	psi

CONTROL STATIONS		Elec.	Hyd.
X	Manif. at accum.unit		X
X	Remote at Drlr's stn.		X
	Other:		

EMERG. BACKUP SYST.			Press.	Wkg.Fl.
X	N2 Cyl	No:2 Tpe:9	1 2600	8.0 gal
	Other:		2 2500	8.0 gal
			3	gal
			4	gal
			5	gal
			6	gal

AUXILIARY EQUIPMENT

		No.	Sz. (in)	Rated Press.	Connections Weld	Flan.	Thrd.	
X	Fill-Up Line							
X	Kill Line		2	3000		X	X	1000
X	Control Valve(s)	2		3000		X		—
X	Check Valve(s)	1		3000		X		1000
X	Auxil. Pump Connec.			3000			X	—
X	Choke Line		3	3000	X	X	X	1000
X	Control Valve(s)	8		3000		X	X	1000
X	Pressure Gauge						X	
X	Adjustable Choke(s)	2	3	3000		X	X	1000
X	Bleed Line		3				X	
X	Upper Kelly Cock							1000
X	Lower Kelly Cock		4½	3000				1000
X	Standpipe Valve							1000
X	Standpipe Pressure Ga.							
X	Pipe Safety Valve		4½	3000				—
X	Internal Preventer		4½	3000				—

HOLE FLUID MONITORING EQUIPMENT

		Alarm Aud.	Alarm Vis.	Class
X	Calibrated Mud Pit			A
X	Pit Level Indicator		X	B
X	Pump Stroke Counter		X	B
	Pit Level Recorder			C
	Flow Sensor			C
	Mud Totalizer			C
	Calibrated Trip Tank			
	Other:			

REMARKS: _____

Hole Fluid Type	Weight	Storage-Pits
CLAY BASE	72 lb/cf	650 BBLS

OGD9 (2/82/DWRR/3M)

DEFICIENCIES—TO BE CORRECTED

NONE

DEFICIENCIES—CORRECTED

1. PIT LEVEL INDICATOR NOT INSTALLED ON RIG FLOOR.
2. PRESSURE GAUGE NOT FUNCTIONING ON CHOKE MANIFOLD.

CONTRACTOR CAL PACIFIC DRILLING Co.

DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

No. P 182-540

REPORT ON PROPOSED OPERATIONS

848 (field code)
03 (area code)
00 (new pool code)
00 (old pool code)

John D. Carmichael, Agent
XTRA ENERGY CORPORATION
717 Walton St.
Signal Hill, CA 90806

Long Beach, , California
August 6, 1982

Your proposal to drill well 39 WNF-I 39,
A.P.I. No. 037-22754, Section 19, T. 4S, R. 13W, S.B. B. & M.,
Wilmington field, F.B. I Onshore area, Ranger pool,
Los Angeles County, dated 7-21-82, received 8-2-82 has been examined in conjunction with records filed in this office.

THE RPOPOSAL IS APPROVED PROVIDED:

1. Blowout prevention equipment, equivalent to this Division 's Class III B 2M requirements, or better, shall be installed and maintained in operating condition.
2. Drilling fluid of a quality and in sufficient quantity to control all subsurface conditions in order to prevent blowout shall be used.
3. All oil, gas or fresh water sands behins the 7' casing shall be protected by either lifting cement or by multiple stage cementing.
4. This Division shall be consulted and a Supplementary notice may be required before making any changes in the proposed program.
5. The provisions of Sec. 3606 relating to derricks and subsurface spacing shall be followed.
6. A direction survey shall be made and filed with this Division.
7. THIS DIVISION SHALL BE NOTIFIED:
   a. To witness a test of the installed blowout prevention equipment prior to drilling out cement in the shoe of the 10-3/4" casing.
   b. To witness a test of the effectiveness of the 7" shut-off above the Ranger zone.

RM:sac

cc: Update
EDP

Blanket Bond

M. G. MEFFERD, State Oil and Gas Supervisor

By J. L. HARDOIN, *Deputy Supervisor*

A copy of this report and the proposal must be posted at the well site prior to commencing operations.

Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.

OG111 (4/82/DWRR/5M)

OG
Sec. 3606
Onshore

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

Notice of Intention to Drill New Well

C.E.Q.A. INFORMATION			
EXEMPT ☒ CLASS____	NEG. DEC. ☐ S.C.H. NO.____	E.I.R. ☐ S.C.H. NO.____	DOCUMENT NOT REQUIRED BY LOCAL JURISDICTION ☐
See Reverse Side			

FOR DIVISION USE ONLY					
MAP	MAP BOOK	CARDS	BOND	FORMS 114	FORMS 121
D8		8/23/82	Blanket	8/23/82	8/23/82

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to commence drilling well No. 39, API No. 037-22754 (Assigned by Division),

Sec. 19, T. 4S, R. 13W, S.B. B. & M., Wilmington Field, Los Angeles County.

Legal description of mineral-right lease, consisting of _____ acres, is as follows: _____ (Attach map or plat to scale)

Map Previously Submitted

Do mineral and surface leases coincide? Yes_____ No X. If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of well 211 feet North (Direction) along ~~section~~ / property line and 992 feet East (Direction) (Cross out one)

at right angles to said line from the Southwest corner of ~~section~~ / property which is ~~xxxx~~ of (Cross out one)

the northeast corner of Main Street and the AT & SF right-of-way.

Is this a critical well according to the definition on the reverse side of this form? Yes X ☐ No ☐

If well is to be directionally drilled, show proposed coordinates (from surface location) at total depth: 1094 feet North (Direction) and 1815 feet East (Direction)

Elevation of ground above sea level 36 feet.

All depth measurements taken from top of Kelly Bushings (Derrick Floor, Rotary Table, or Kelly Bushing) that is 12 feet above ground.

PROPOSED CASING PROGRAM

SIZE OF CASING INCHES API	WEIGHT	GRADE AND TYPE	TOP	BOTTOM	CEMENTING DEPTHS	CALCULATED FILL BEHIND CASING (Linear Feet)
10-3/4"	40.5	J-55	Surf	600'	600'	
7 "	23#	K-55	Surf	4454'	4454'	2244'
5 "	18#	N-80	4384	4580'	Gravel packed, wire wrapped screen liner w/0.012" slots.	

(A complete drilling program is preferred and may be submitted in lieu of the above program.)

Intended zone(s) of completion Ranger, -3690' vss, 1200 psi (Name, depth, and expected pressure) Estimated total depth 4580'

It is understood that if changes in this plan become necessary we are to notify you immediately.

Name of Operator	Type of Organization (Corporation, Partnership, Individual, etc.)	
XTRA ENERGY CORPORATION	Corporation	
Address	**City**	**Zip Code**
717 Walton Street	Signal Hill, CA	90806
Telephone Number / **Name of Person Filing Notice**	**Signature**	**Date**
(213)424-8549 / John D. Carmichael	John D. Carmichael	7-21-82

This notice and indemnity or cash bond shall be filed, and approval given, before drilling begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

OG105 (1/82/DWRR/5M)

Information for compliance with the California Environmental Quality Act of 1970 (C.E.Q.A.).

If an environmental document has been prepared by the lead agency, please submit a copy of the document with this notice *or* supply the following information:

Lead Agency: CITY OF CARSON

Lead Agency Contact Person: Joel Miller

Address: P. O. Box 6234

CARSON, CA 90749

Phone: ( ) (213) 830-7600

FOR DIVISION USE ONLY
District review of environmental document (if applicable)? Yes ☐ No ☐
Remarks:

CRITICAL WELL

As defined in the California Administrative Code, Title 14, Section 1720(a), "Critical well" means a well within:

(1) 300 feet of the following:
(A) Any building intended for human occupancy that is not necessary to the operation of the well; or
(B) Any airport runway.
(2) 100 feet of the following:
(A) Any dedicated public street, highway, or nearest rail of an operating railway that is in general use;
(B) Any navigable body of water or watercourse perennially covered by water;
(C) Any public recreational facility such as a golf course, amusement park, picnic ground, campground, or any other area of periodic high-density population; or
(D) Any officially recognized wildlife preserve.

Exceptions or additions to this definition may be established by the supervisor upon his own judgment or upon written request of an operator. This written request shall contain justification for such an exception.

XTRA ENERGY CORPORATION

PROGRAM FOR DRILLING

WELL No. 39

Reference Point: KB which is 12' above G. E.

Surface Location: Lambert Coordinates N-4,041,528 E-4,205,567

Bottom Hole Location: Lambert Coordinates N-4,042,622 E-4,207,382

Elevation: 36' GE + 12' KB = 48'

Proposed Casing Program:

10-3/4" 40.5 # to be cemented at 600'
7 " 23 # to be cemented at 4454'
5 " 18 # to be hung at 4580', top @ 4384'.

Perfs: 4464' to 4575' Wire wrapped pipeless Johnson Screen liner with 0.012" slots.

Proposed Hole Size:

0' to 600' 14-3/4" hole
600' to 4454' 9-7/8" hole
4454' to 4580' 6-1/4" hole to be underreamed to 12".

Proposed Total Depth: 4580'

Directional Program

Deflect hole at 750' and increase inclination at 4°/100' in a N 59° E direction to 45° at 1875' (T.V.D. - 1763'). Maintain 45° inclination to a depth of 3346'. Drop angle at 1.5°/100' to a total depth of 4580'. Target is a 100' diameter circle with its center 1095' North and 1815' East of the surface site. A total displacement of 2120'.

Mud Program

1. For drilling from surface to 600', use a safe fresh water clay base mud.

2. For drilling from 600' to 4580', use a fresh water clay base mud with the following properties.

a.	Weight	72 #/CF
b	Fluid loss	5cc
c.	P.V.	8 - 14 cps
d.	YP	4 - 6#/100 sq. ft.
e.	Funnel vis	38 - 42"
f.	Solids	12%

3. For underreaming 6-1/4" hole to 12", use a polymer mud with the following properties.

a.	Weight	72#/CF
b.	P.V.	12 - 18 cps
c.	YP	4 - 6 #/100 sq. ft.
d.	Funnel vis	34 - 38"
e.	Solids	Minimum
f.	KCl (KCl)	4%

BOP Requirements

1. Bag type - Hydraulic 10" - 3000. 3000 psi WOG.

2. Ram type - double, hydraulic, 10" - 3000, 3000 psi WOG.

3. Accumulator - 80 gallon with dual controls.

Program

1. Install 16" conductor pipe to ± 600'.

2. Move in and rig up rotary equipment.

3. Drill 14-3/4" hole to 600'.

4. Run 10-3/4", 40.5#, J-55 casing to 600'. Casing to be fitted with B & W stab-in shoe and centralizers on 1st, 2nd and 3rd joints. Cement 10-3/4" casing with 350 sacks of API class "G" cement mixed 1:1 with peralites and 4% Gel followed by enough neat "G" cement to get cement returns. All cement to be mixed with 2% $CaCl_2$.

5. Install wellhead and BOP. Representative of D.O.G. to witness pressure test of B.O.P.

6. Run 9-7/8" bit and clean out to 600'. Drill 9-7/8" hole to 4454'. Reduce hole size to 6-1/4" and drill to 4580'.

7. Run Induction electric log from total depth to the shoe of the 10-3/4" casing. Use 20 ohm scale. Two field prints are required including one with 5" scale.

8. Run 7", 23#, K-55 casing to 4454'. Casing to be fitted with B & W Basket Shoe and B & W float collar 2 joints above shoe. Centralizers to be installed on 1st, 2nd, 4th and 6th joints above shoe. Cement 7" casing as follows: 300 linear feet (80 CF) of "mud sweep" or equivalent followed by 290 sacks of class G cement mixed 1:1:4 (cement:perlite:gel) mixed with 2% $CaCl_2$, followed by 85 sacks of G cement, neat. Cement to reach 2000' TVD. Land Casing.

9. After 24 hours, clean out cement to 4444' (± 10' above shoe). Run combination jet perforator and casing tester. Shoot 4 holes as directed and test water shut off. Results of WSO test to be witnessed by representative of California Division of Oil and Gas.

10. Run 6-1/4" bit, drill out shoe at 4454' and clean out to 4580'.

11 Change over to Polymer completion fluid.

12. Underream 6-1/4" hole to 12" from the 7" casing shoe to total depth. Run Caliper log.

13. Make up and run 5", 18#, K-55 liner as directed.

14. Gravel pack 5" x 12" annulus with ± 80 CF of 20 - 40 mesh gravel.

15. Displace Polymer mud in hole with salt water and close in.

16. Move out rotary equipment.

No.39
JDC:sc
7-19-82